

ABSTRACT

An endo-vascular fastener applicator is provided for endo-luminal fastening a
prosthetic to a vessel with a fastener. The applicator includes a tubular body that is
configured for positioning within a vessel; an expandable portion disposed adjacent distal
5 end of the tubular body, and deployed to support a prosthetic in contact with an inner
surface of a vessel; and a drive assembly for advancing a fastener into the prosthetic. The
applicator may include a control assembly; and a delivery tube that is disposed for
movement within the tubular body, and which defines a channel for movement of the
drive assembly therewithin. The delivery tube may include an applicator head having an
10 injection mount that is disposed for movement relative to the prosthetic. A method for
endo-luminal repairing a damaged portion of a vessel is also disclosed.